

WHAT IS CLAIMED IS:

1 1. A method of adjusting image-capturing parameters of an image-  
2 capturing device comprising:  
3 capturing a first image and a second image using different  
4 settings of the image-capturing parameters;  
5 displaying the first and second images as comparison  
6 images for user selection; and  
7 adjusting current settings of the image-capturing parameters  
8 of the image-capturing device to conform with one of the first and second  
9 images selected by a user.

1 2. The method of claim 1 wherein the step of capturing the first and  
2 second images includes:  
3 processing raw image data of a captured scene of interest  
4 using a first setting of a selected image-capturing parameter to capture the  
5 first image; and  
6 processing the raw image data using a second setting of the  
7 selected image-capturing parameter to capture the second image.

1 3. The method of claim 1 wherein the step of capturing the first and  
2 second images includes sequentially capturing a scene of interest using  
3 two different settings of a selected image-capturing parameter to capture  
4 the first and second images.

1 4. The method of claim 3 wherein the selected image-capturing  
2 parameter is selected from a group comprising of exposure period,  
3 aperture and white balance.

1 5. The method of claim 1 wherein the image-capturing parameters  
2 include a parameter selected from a group consisting of exposure period,  
3 aperture, color saturation, contrast, brightness, hue, gamma correction  
4 and white balance

1 6. The method of claim 1 wherein the step of displaying the first and  
2 second images includes simultaneously displaying the first and second  
3 images.

1 7. The method of claim 1 wherein the step of displaying the first and  
2 second images includes sequentially displaying the first and second  
3 images.

1 8. The method of claim 1 further comprising a step of capturing a third  
2 image using the current settings of the image-capturing parameters that  
3 were adjusted to conform with one of the first and second images selected  
4 by the user.

1 9. The method of claim 1 wherein the image-capturing device is  
2 selected from a group consisting of a computer-connected digital camera,  
3 a standard digital camera and a peripheral digital camera attachment.

1 10. An imaging system comprising:  
2 an image-capturing device that is configured to electronically  
3 capture images using different settings of image-capturing parameters;  
4 a display device that is configured to visually present a first  
5 captured image and a second captured image, the first captured image  
6 corresponding to first settings of the image-capturing parameters, the  
7 second captured image corresponding to second settings of the image-  
8 capturing parameters; and  
9 a parameter adjuster operatively coupled to the image-  
10 capturing device, the parameter adjuster being configured to adjust current  
11 settings of the image-capturing parameters of the image-capturing device  
12 to conform to one of the first settings and the second settings in response  
13 to a user selection between the first captured image and the second  
14 captured image presented on the display device.

1 11. The imaging system of claim 10 wherein the parameter adjuster is  
2 configured to direct a processor to process raw image data of a captured  
3 scene of interest using one setting of a selected image-capturing  
4 parameter to capture the first captured image, the parameter adjuster  
5 being further configured to direct the processor to process the raw image  
6 data using another setting of the selected image-capturing parameter to  
7 capture the second captured image.

1 12. The imaging system of claim 10 wherein the parameter adjuster is  
2 configured to direct the image-capturing device to sequentially capture a  
3 scene of interest using two different settings of a selected image-capturing  
4 parameter to produce the first and second captured images.

1 13. The imaging system of claim 12 wherein the selected image-  
2 capturing parameter is selected from a group comprising of exposure  
3 period, aperture and white balance.

1 14. The imaging system of claim 10 wherein the image-capturing  
2 parameters include a parameter selected from a group consisting of  
3 exposure period, aperture, color saturation, contrast, brightness, hue,  
4 gamma correction and white balance.

1 15. The imaging system of claim 10 wherein the parameter adjuster is  
2 configured to direct the display device to simultaneously display the first  
3 and second captured images.

1 16. The imaging system of claim 10 wherein the parameter adjuster is  
2 configured to direct the display device to sequentially display the first and  
3 second captured images.

1 17. The imaging system of claim 10 wherein the image-capturing  
2 device is selected from a group consisting of a computer-connected digital  
3 camera, standard digital camera and peripheral digital camera attachment.

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1 18. A method of adjusting image-capturing parameters of an image-  
2 capturing device comprising:  
3 capturing a scene of interest as raw image data using an  
4 image sensor of the image-capturing device;  
5 processing the raw image data using first settings of the  
6 image-capturing parameters to produce a first image of the scene of  
7 interest;  
8 processing the raw image data using second settings of the  
9 image-capturing parameters to produce a second image of the scene of  
10 interest;  
11 displaying the first and second images for user selection; and  
12 adjusting current settings of the image-capturing parameters  
13 of the image-capturing device to conform with one of the first and second  
14 images selected by a user, the adjusted current settings of the image-  
15 capturing parameters being used by the image-capturing device to capture  
16 a subsequent image.

1 19. The method of claim 18 wherein the image-capturing parameters  
2 include a parameter selected from a group consisting of color saturation,  
3 contrast, brightness, hue, gamma correction and white balance.

1 20. The method of claim 18 wherein the step of displaying the first and  
2 second images includes simultaneously displaying the first and second  
3 images.

1 21. The method of claim 18 wherein the step of displaying the first and  
2 second images includes sequentially displaying the first and second  
3 images.